

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2004/000538

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 133 071 A (TEXAS INSTRUMENTS INC) 12 September 2001 (2001-09-12) page 6, line 9 – page 7, line 9 page 9, line 36 – line 57 figures 8,9B,10B ----- -/-	1,4-6,8, 10-13,16

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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\*&\* document member of the same patent family

Date of the actual completion of the international search

4 August 2004

Date of mailing of the international search report

11/08/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>TAO M ET AL: "Low complexity post-ordered iterative decoding for generalized layered space time coding systems"      ICC 2001. 2001 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS. CONFERENCE RECORD. HELSINKY, FINLAND, JUNE 11 - 14, 2001, IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS, NEW YORK, NY: IEEE, US, vol. 1 OF 10, 11 June 2001 (2001-06-11), pages 1137-1141, XP010553506      ISBN: 0-7803-7097-1      page 1138, left-hand column, line 15 - line 27      page 1138, left-hand column, line 28 - right-hand column, line 47      page 1139, left-hand column, line 1 - line 16      figure 2</p> <p>-----</p> <p>JAEYOUNG KWAK ET AL: "A blind space-time adaptive multiuser detector for DS-CDMA communication systems"      COMMUNICATIONS, 1998. ICC 98. CONFERENCE RECORD. 1998 IEEE INTERNATIONAL CONFERENCE ON ATLANTA, GA, USA 7-11 JUNE 1998, NEW YORK, NY, USA, IEEE, US, 7 June 1998 (1998-06-07), pages 1069-1073, XP010284711      ISBN: 0-7803-4788-9      page 1069, right-hand column, line 2 - line 14      page 1070, right-hand column, line 18 - line 34      figure 1</p> <p>-----</p> <p>HAYOUNG YANG ET AL: "Performance of space-time trellis codes in frequency selective wcdma systems"      VTC 2002-FALL. 2002 IEEE 56TH. VEHICULAR TECHNOLOGY CONFERENCE PROCEEDINGS. VANCOUVER, CANADA, SEPT. 24 - 28, 2002, IEEE VEHICULAR TECHNOLOGY CONFERENCE, NEW YORK, NY: IEEE, US, vol. 1 OF 4. CONF. 56, 24 September 2002 (2002-09-24), pages 233-237, XP010608552      ISBN: 0-7803-7467-3      page 236, left-hand column, line 8 - right-hand column, line 21      figure 2</p> <p>-----</p>	1,15-17
A		1,15-17
A		1,15-17

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1133071 A	12-09-2001	EP 1133071 A2 JP 2000315966 A US 2004101032 A1	12-09-2001 14-11-2000 27-05-2004